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Appl. No.: 09/450,384
Amendment dated October 21, 2005
Reply to Office Action of April 22, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A telephone wire distribution center comprising:

a front substantially planar surface;

a plurality of pairs of punch down terminal strips attached to the front surface, wherein each punch down terminal strip includes a first termination area and a plurality of additional termination areas, wherein each termination area of a particular punch down terminal strip is electrically coupled in series by the particular punch down terminal strip to every other termination area of the same punch down terminal strip;

a plurality of input-wire-pair-labeling regions on the front surface for uniquely labeling a corresponding plurality of input-wire pairs relative to one another, wherein the input-wire-pair-labeling regions' respective locations are substantially in line with a corresponding plurality of respective longitudinal axes of the plurality of pairs of the punch down terminal strips thereby indicating that respective pairs of the punch down terminal strips correspond to respective input-wire pairs; and

a plurality of output-wire-pair-destination-labeling regions for labeling respective places to which corresponding output-wire pairs are run on the front surface, the plurality of output-wire-pair-destination-labeling regions being located on the front surface along respective output-wire-pair-destination-labeling-region axes that are: (1) substantially perpendicular or substantially laterally with respect to the longitudinal axes of the plurality of pairs of punch down terminal strips and (2) substantially in line with respective termination areas of the plurality of additional termination areas of the plurality of pairs of punch down terminal strips such that, for each output-wire pair that is coupled to an input-wire pair, the input-wire pair is uniquely labeled relative to other input-wire pairs along the longitudinal axis of the pair of punch down terminal strips to which the input-wire pair is coupled and an output-wire-destination-labeling region is located along an output-wire-pair-destination-labeling-region axis that is substantially in line with the termination area at which the output-wire pair is coupled to the pair of punch down terminal strips such that the input-wire pair label and the output-wire-pair-destination-labeling

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region are located along respective perpendicular axes that intersect substantially at the termination area at which the the output-wire pair is coupled to the pair of punch down terminal strips, thereby indicating that the plurality of additional termination areas correspond to a plurality of output-wire pair destinations, such that the plurality of input-wire pairs is organized and labeled along a first axis and the plurality of output-wire pair destinations are labeled and organized along a second axis that is substantially transverse to the first axis.

Claim 2 (original): The telephone wire distribution center of claim 1, wherein the front surface comprises: a wire channel for routing paired telephone wires.

Claim 3 (original): The telephone wire distribution center of claim 2, further comprising: at least one wire channel hook for retaining wire pairs in the wire channel.

Claim 4 (original): The telephone wire distribution center of claim 2, wherein the wire channel is located between two pairs of the punch down terminal strips.

Claim 5 (original): The telephone wire distribution center of claim 4, wherein the wire channel separates a first two pairs of the punch down terminal strips from a second pair of the punch down terminal strips.

Claim 6 (previously presented): The telephone wire distribution center of claim 5, further comprising a label for each input telephone-wire pair electrically coupled to one of the punch down terminal strips.

Claim 7 (cancelled).

Claim 8 (original): The telephone wire distribution center of claim 1, further comprising: at least one tie-wire ring for bundling a plurality of wires to the distribution center.

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Claim 9 (original): The telephone wire distribution center of claim 1, wherein at least one of the punch down terminal strips comprises a row of insulation displacing connectors.

Claim 10 (original): The telephone wire distribution center of claim 9 wherein at least one punch down terminal strip comprises: an electrically conductive terminal strip inserted into a row of insulation displacing connectors.

Claim 11 (currently amended): A method of organizing telephone wires comprising the steps of:
connecting a plurality of paired input wires to a respective plurality of labeled pairs of electrically conductive terminal strips, wherein each of the plurality of labeled pairs of electrically conductive terminal strips is uniquely labeled relative to others of the plurality of labeled pairs of electrically conductive terminal strips, wherein the unique labels are located substantially in line with a corresponding plurality of respective longitudinal axes of the plurality of pairs of the electrically conductive terminal strips thereby indicating that respective pairs of the electrically conductive terminal strips correspond to respective input-wire pairs;

connecting a plurality of paired output wires to a corresponding plurality of termination areas of each of the plurality of pairs of electrically conductive terminal strips; and

labeling output-wire-pair destinations on the distribution center such that the output-wire-pair destinations are labeled along respective output-wire-pair-destination-labeling axes that are: (1) substantially perpendicular to the longitudinal axes of the plurality of pairs of punch down terminal strips and (2) substantially in line with respective termination areas of the plurality of termination areas of the plurality of pairs of punch down terminal strips such that, for each output-wire pair that is coupled to an input-wire pair, the input-wire pair is uniquely labeled relative to other input-wire pairs along the longitudinal axis of the pair of punch down terminal strips to which the input-wire pair is coupled and an output-wire-destination label, which specifies a place to which the paired output wires are run, is located along an output wire-pair-destination-labeling axis that is substantially in line with the termination area at which the output-wire pair is coupled to the pair of punch down terminal strips such that the input-wire pair label and the output-wire-pair-destination label are located along respective perpendicular axes that intersect substantially at the termination area at which the output-wire pair is coupled to the

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~~pair of punch down terminal strips an axis that is substantially perpendicular to an axis along which the plurality of pairs of electrically conductive terminal strips are labeled.~~

Claim 12 (original): The method of organizing telephone wires as in claim 1, further comprising the step of: routing paired telephone wires through wire channel hooks in a wire channel of the wire distribution center.

Claim 13 (original): The method of organizing telephone wires as in claim 2, further comprising the step of: bundling the plurality of wires in the wire channel.

Claim 14 (currently amended): A telephone wire distribution center comprising:

means for connecting a plurality of paired input wires to a respective plurality of labeled pairs of electrically conductive terminal strips, wherein each of the plurality of labeled pairs of electrically conductive terminal strips is uniquely labeled relative to others of the plurality of labeled pairs of electrically conductive terminal strips, wherein the unique labels are located substantially in line with a corresponding plurality of respective longitudinal axes of the plurality of pairs of the electrically conductive terminal strips thereby indicating that respective pairs of the electrically conductive terminal strips correspond to respective input-wire pairs;

means for connecting a plurality of paired output wires to a corresponding plurality of termination areas of each of the plurality of pairs of electrically conductive terminal strips; and

means for labeling output-wire-pair destinations on the distribution center such that the output-wire-pair destinations are labeled along respective output-wire-pair-destination-labeling axes that are: (1) substantially perpendicular to the longitudinal axes of the plurality of pairs of punch down terminal strips and (2) substantially in line with respective termination areas of the plurality of termination areas of the plurality of pairs of punch down terminal strips such that, for each output-wire pair that is coupled to an input-wire pair, the input-wire pair is uniquely labeled relative to other input-wire pairs along the longitudinal axis of the pair of punch down terminal strips to which the input-wire pair is coupled and an output-wire-destination label, which specifies a place to which the paired output wires are run, is located along an output-wire-pair-destination-labeling axis that is substantially in line with the termination area at which the

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output-wire pair is coupled to the pair of punch down terminal strips such that the input-wire-pair label and the output-wire-destination label are located along respective perpendicular axes that intersect substantially at the termination area at which the output-wire pair is coupled to the pair of punch down terminal strips on an axis that is substantially perpendicular to an axis along which the plurality of pairs of electrically conductive terminal strips are labeled.

Claim 15 (original): The telephone wire distribution center as in claim 14, further comprising: means for routing paired telephone wires through wire channel hooks in a wire channel of the wire distribution center.

Claim 16 (original): The telephone wire distribution center as in claim 15, further comprising: means for bundling the plurality of wires in the wire channel.